

ABSTRACT

A plastic bag comprises first and second panels each having a top, a bottom, and first and second opposing sides. The first and second panels are joined to each other along their respective bottoms, their respective first opposing sides, and their
5 respective second opposing sides. The plastic bag includes a zipper having a male and female track. The male track includes a male profile and a first fin, in which the first fin is affixed to the first panel in proximity to the top of said first panel. The female track includes a female profile and a second fin, in which the second fin is affixed to the second panel in proximity to the top of said second panel. The male and female
10 profiles having complementary cross-sections. The inventive fins comprise a first resin and, optionally, a second resin which, along with the fins seals, are able to withstand greater forces and more adverse conditions. At least one of the fins comprises a first resin having a polydispersity of about 1 to about 4, a melt index of about 0.2 to about 20, and a melt flow ratio of about 12 to about 35. The second resin,
15 if used, may either be coextruded or blended with the first resin.